

Claims

1. Method for coating a surface of a component,
in particular a turbine blade,
5 comprising at least the following steps:
 - application of a mask to certain areas of the surface of the
component that are not to be coated,
 - coating of the component,characterized in that
10 the mask (7) consists at least partially of a ceramic powder.
2. Method according to Claim 1,
characterized in that
the mask (7) is formed from a suspension with the ceramic powder.
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3. Method according to Claim 1,
characterized in that
the mask (7) is formed from a paste with a ceramic powder.
- 20 4. Method according to Claim 1,
characterized in that
the ceramic powder consists at least partially of a zirconium oxide
powder.
- 25 5. Method according to Claim 1,
characterized in that
an aluminum layer is applied to the component (1).

6. Method according to Claim 1,
characterized in that
the coating is applied by means of a chemical vapor deposition (CVD)
process.